

## Joining the Test Forest Instructions (last modified 10-11-2000)

This document is written with the following three variable names which must be resolved to real names before these instructions can be followed. Their real names are based upon a collaborative agreement between DIS and the agency which is going to Join this Forest. These three variable names and their meanings are as follows:

Meaning
Admin Userid provided by DIS which has sufficient permissions for joining this forest
Windows 2000 Domain Name. This is the subdomain name immediately to the left of WA.TST. Examples of this would be ECY or ECYLAN (as in ECYLAN.WA.TST)
Computer Name of the Domain Controller which is joining this Forest (<MACHNAME> is not referenced in this document. This value must have already been provided to DIS so that your machine can join this forest)

### Step: 1

**Goal:** Configure DNS suffix and point to the root domain server as the preferred DNS Server.

Tasks	Detailed Steps
Configure the DNS suffix for your computer. When prompted, restart the computer. Domain Suffix: <DOMAIN-NAME>..wa.tst .	<ol style="list-style-type: none"> <li>1. Log on as Administrator.</li> <li>2. Open the <b>Properties</b> dialog box for My Computer.</li> <li>3. In the <b>System Properties</b> dialog box, on the <b>Network Identification</b> tab, click <b>Properties</b>.</li> <li>4. In the <b>Identification Changes</b> dialog box, click <b>More</b>.</li> <li>5. In the <b>Primary DNS suffix of this computer</b> box, type &lt;DOMAIN-NAME&gt;..wa.tst (e.g. ecylan.wa.tst., and then click <b>OK</b>.</li> <li>6. Click <b>OK</b> to close the <b>Identification Changes</b> dialog box, and then click <b>OK</b> to close the <b>Network Identification</b> message box.</li> <li>7. Click <b>OK</b> to close the <b>System Properties</b> dialog box, and then click <b>Yes</b> in the <b>System Settings Change</b> message box to restart your computer.</li> </ol>
Configure the Internet Protocol (TCP/IP) properties of your Local Area Connection to use your computer for DNS..	<ol style="list-style-type: none"> <li>1. Log on as Administrator.</li> <li>2. Right-click <b>My Network Places</b>, and then click <b>Properties</b>.</li> <li>3. Right-click <b>Local Area Connection</b>, and then click <b>Properties</b>.</li> <li>4. Click <b>Internet Protocol (TCP/IP)</b>, and then click <b>Properties</b>.</li> <li>5. In the <b>Preferred DNS Server</b> text box, type <b>198.238.137.227</b>, and then click <b>OK</b>.</li> <li>6. Click <b>OK</b> to close the <b>Local Area Connections Properties</b> box, and then close the <b>Network and Dial-up Connections</b> window.</li> </ol>

### Step: 2

**Goal:** Install and configure DNS.

Tasks	Detailed Steps
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<p>Install the Domain Name System (DNS) subcomponent of Networking Services.</p> <p>Copy the required files from the Windows 2000 Advanced Server compact disc.</p>	<ol style="list-style-type: none"> <li>1. Logon as Administrator for your Domain</li> <li>2. Click <b>Start</b>, point to <b>Programs</b>, point to <b>Administrative Tools</b>, and then click <b>Configure Your Server</b>.</li> <li>3. Click <b>Networking</b> to expand and then click <b>DNS</b>.</li> <li>4. Click <b>Set up DNS</b> on the right pane.</li> <li>5. Insert the compact disc labeled Windows 2000 Advanced Server, and then click <b>OK</b>.</li> <li>6. After the required files have been copied, click <b>Next</b>.</li> <li>7. Expand <b>&lt;MACHNAME&gt;</b></li> <li>8. Right-click <b>&lt;MACHNAME&gt;</b></li> <li>9. Click <b>New Zone...</b> (New Zone Wizard is displayed)</li> <li>10. Click <b>Next</b></li> <li>11. Click <b>Standard Primary</b> then click <b>Next</b></li> <li>12. Click <b>Forward Lookup Zone</b> then click <b>Next</b></li> <li>13. In the name field, enter <b>&lt;DOMAIN-NAME&gt;.WA.TST</b> (e.g. ecystst.wa.tst)</li> <li>14. Click <b>Next</b></li> <li>15. Click <b>Next</b></li> <li>16. Click <b>Finish</b></li> <li>17. Expand <b>Forward Lookup Zones</b></li> <li>18. Right-click <b>&lt;DOMAIN-NAME&gt;.WA.TST</b></li> <li>19. Click <b>Properties</b></li> <li>20. Change <b>Allow Dynamic Updates</b> to "Yes"</li> <li>21. Click <b>OK</b></li> <li>22. Close <b>DNS</b></li> <li>23. <u>Restart the computer</u></li> </ol>
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### Step: 3

**Goal:** Create a Windows 2000 domain by installing Active Directory.

Tasks	Detailed Steps
<p>Start the Active Directory Installation wizard to create:</p> <p>A new domain controller for a new domain.</p> <p>A new domain tree.</p> <p>A new forest of domain trees.</p>	<ol style="list-style-type: none"> <li>1. Click <b>Start</b>, and then click <b>Run</b>.</li> <li>2. In the <b>Run</b> box, type <b>dcpromo</b> and then click <b>OK</b>.</li> <li>3. On the <b>Welcome to the Active Directory Installation Wizard</b> page, click <b>Next</b>.</li> <li>4. On the <b>Domain Controller Type</b> page, ensure <b>Domain controller for a new domain</b> is selected, and then click <b>Next</b>.</li> <li>5. On the <b>Create Tree or child Domain</b> page, select <b>Create a new child domain in an existing domain tree</b>, and then click <b>Next</b>.</li> <li>6. On the <b>Network Credentials</b> page, enter the username of <b>&lt;JOIN-ID&gt;</b> (e.g. ECYPromo) and password and the domain of <b>wa.tst</b> and then click <b>Next</b>.</li> </ol>

<p>Complete the Active Directory installation process, providing the following information:</p> <p>Full DNS name of <i>wa.tst</i> ..</p> <p>Default locations for the database, log files, and shared system volume.</p>	<ol style="list-style-type: none"> <li>1. On the <b>Child Domain Installation</b> page, click Browse and select <b>wa.tst</b> to put <b>wa.tst</b> in the Parent Domain box and <b>&lt;DOMAIN-NAME&gt;</b> in the Child Domain box and then click <b>Next</b>.</li> <li>2. On the <b>Netbios Domain Name</b> page, ensure <b>&lt;DOMAIN-NAME&gt;</b> is in the Domain Netbios name box and then click <b>Next</b>.</li> <li>3. On the <b>Database and Log Locations</b> page, accept the default locations by clicking <b>Next</b></li> <li>4. On the <b>Shared System Volume</b> page, accept the default location by clicking <b>Next</b>.</li> <li>5. On the <b>Permissions</b> page, select <b>Permissions compatible with pre-Windows 2000 servers</b>, and then click <b>Next</b>.</li> <li>6. On the <b>Directory Services Restore Mode Administrator Password</b> page, in the <b>Password</b> and <b>Confirm password</b> boxes, type in the password and then click <b>Next</b></li> </ol>
<p>Begin the Active Directory Installation/Replication process ..</p>	<p>On the <b>Summary</b> page, review the options you selected, and then click <b>Next</b>.</p> <ol style="list-style-type: none"> <li>1. <i>The Active Directory Installation/Replication process begins.</i></li> <li>2. When the <b>Completing the Active Directory Installation Wizard</b> page appears, click <b>Finish</b>, and then restart your computer.</li> </ol>

## Step: 4

**Goal:** Enable GC on your domain's first Domain Controller.

Tasks	Detailed Steps
Enable GC.	<ol style="list-style-type: none"> <li>1. Click <b>Start</b>, point to <b>Programs</b>, point to <b>Administrative Tools</b>, and then click <b>Active Directory Sites and Services</b>.</li> <li>2. In the console tree, expand <b>&lt;DOMAIN-NAME&gt;</b>, expand <b>servers</b> and then expand <b>&lt;MACHNAME&gt;</b>.</li> <li>3. Right-click <b>NTDS settings</b> and then click <b>properties</b>.</li> <li>4. Select the Global Catalog check box , and then click <b>OK</b>.</li> <li>5. Close <b>Active Directory Sites and Services</b>.</li> <li>6. Reboot Computer</li> </ol>